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**NON-PROVISIONAL
UTILITY PATENT APPLICATION
TRANSMITTAL - 37 CFR 1.53(b)**

☐ **Duplicate**
(check, if applicable)

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

Attorney Docket No. 10147-66 (MPI2000-535OMNI)
First Named Inventor: Sean A. McCarthy
Express Mail Label No. EL631611352US
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC,
PREVENTIVE, THERAPEUTIC, AND OTHER USES**

which is:

an ☐ Original; or

a ☐ Continuation, ☐ Divisional, or ☒ Continuation-in-part (CIP)

of prior Application No. 09/479,249, filed on January 7, 2000; and a continuation-in-part of U.S. Application serial number 09/559,497, filed on April 27, 2000; and a continuation-in-part of U.S. Application 09/578,063, filed on May 24, 2000, which is a continuation-in-part of U.S. Application 09/333,159, filed on June 14, 1999; and a continuation-in-part of U.S. Application 09/596,194, filed on July 14, 2000, which is a continuation-in-part of U.S. Application 09/342,364, filed on June 29, 1999; and a continuation-in-part of U.S. Application 09/608,452, filed on June 30, 2000, which is a continuation-in-part of U.S. Application 09/393,996, filed on September 10, 1999; and a continuation-in-part of U.S. Application 09/602,871, filed on June 23, 2000, which is a continuation-in-part of U.S. Application 09/420,707, filed on October 19, 1999.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 373 pages.
- ☒ Application Data Sheet.
- ☒ Non-executed Declaration.
- ☒ 361 sheets of drawings (formal).
- ☒ Nucleotide and/or Amino Acid Sequence Submission, including:
☒ Computer readable copy ☒ Paper Copy (354 pgs.) ☒ Verified Statement.

01/12/01
jc971 U.S. PTO

jc987 U.S. PTO
09/759130
01/12/01

09769130 01/12/01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Patent Application of :
Sean A. cCarthy, *et al.* :
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 :
Appln. No.: Not yet assigned :
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 :
Filed: January 12, 2001 :
 :
For: NOVEL GENES ENCODING PROTEINS :
HAVING PROGNOSTIC, DIAGNOSTIC, :
PREVENTIVE, THERAPEUTIC, AND : Attorney Docket
OTHER USES: : No. 210147.0066/66US

**STATEMENT TO SUPPORT FILING AND SUBMISSION
IN ACCORDANCE WITH 37 CFR §§ 1.821 THROUGH 1.825**

- (X) I hereby state, in accordance with the requirements of 37 C.F.R. §1.821(f), that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e), respectively are the same.

Respectfully submitted,

CHARLES REAY MACKAY, *ET AL.*

12 January 2001
(Date)

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Enclosures